



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/852,976DATE: 01/19/2002
TIME: 11:18:06Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\01192002\I852976.raw

ENTERED

3 <110> APPLICANT: Chang, Tse W.
4 Shue, Jim J.C.
5 Huang, Janice S.W.
6 Wu, Stanley C.S.
7 Chen, Leslie Y.Y.
9 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INDUCTION
10 OF ACTIVE AUTOIMMUNITY
12 <130> FILE REFERENCE: THI-001
14 <140> CURRENT APPLICATION NUMBER: 09/852,976
15 <141> CURRENT FILING DATE: 2001-05-10
17 <150> PRIOR APPLICATION NUMBER: US 60/204,191
18 <151> PRIOR FILING DATE: 2000-05-11
20 <150> PRIOR APPLICATION NUMBER: PCT/US00/12997
21 <151> PRIOR FILING DATE: 2000-05-11
23 <160> NUMBER OF SEQ ID NOS: 2
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 338
29 <212> TYPE: PRT
30 <213> ORGANISM: Homo sapiens
32 <400> SEQUENCE: 1
33 Met Ala Ala Glu Asp Glu Leu Gln Leu Pro Arg Leu Pro Glu Leu Phe
34 1 5 10 15
35 Glu Thr Gly Arg Gln Leu Leu Asp Glu Val Glu Val Ala Thr Glu Pro
36 20 25 30
37 Ala Gly Ser Arg Ile Val Gln Glu Lys Val Phe Lys Gly Leu Asp Leu
38 35 40 45
39 Leu Glu Lys Ala Ala Glu Met Leu Ser Gln Leu Asp Leu Phe Ser Arg
40 50 55 60
41 Asn Glu Asp Leu Glu Glu Ile Ala Ser Thr Asp Leu Lys Tyr Leu Leu
42 65 70 75 80
43 Val Pro Ala Phe Gln Gly Ala Leu Thr Met Lys Gln Val Asn Pro Ser
44 85 90 95
45 Lys Arg Leu Asp His Leu Gln Arg Ala Arg Glu His Phe Ile Asn Tyr
46 100 105 110
47 Leu Thr Gln Cys His Cys Tyr His Val Ala Glu Phe Glu Leu Pro Lys
48 115 120 125
49 Thr Met Asn Asn Ser Ala Glu Asn His Thr Ala Asn Ser Ser Met Ala
50 130 135 140
51 Tyr Pro Ser Leu Val Ala Met Ala Ser Gln Arg Gln Ala Lys Ile Gln
52 145 150 155 160
53 Arg Tyr Lys Gln Lys Lys Glu Leu Glu His Arg Leu Ser Ala Met Lys
54 165 170 175

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/852,976

DATE: 01/19/2002

TIME: 11:18:06

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\01192002\I852976.raw

```

55 Ser Ala Val Glu Ser Gly Gln Ala Asp Asp Glu Arg Val Arg Glu Tyr
56          180          185          190
57 Tyr Leu Leu His Leu Gln Arg Trp Ile Asp Ile Ser Leu Glu Glu Ile
58          195          200          205
59 Glu Ser Ile Asp Gln Glu Ile Lys Ile Leu Arg Glu Arg Asp Ser Ser
60          210          215          220
61 Arg Glu Ala Ser Thr Ser Ser Ser Arg Gln Glu Arg Pro Pro Val Lys
62 225          230          235          240
63 Pro Phe Ile Leu Thr Arg Asn Met Ala Gln Ala Lys Val Phe Gly Ala
64          245          250          255
65 Gly Tyr Pro Ser Leu Pro Thr Met Thr Val Ser Asp Trp Tyr Glu Gln
66          260          265          270
67 His Arg Lys Tyr Gly Ala Leu Pro Asp Gln Gly Ile Ala Lys Ala Ala
68          275          280          285
69 Pro Glu Glu Phe Arg Lys Ala Ala Gln Gln Gln Glu Glu Gln Glu Glu
70          290          295          300
71 Lys Glu Glu Glu Asp Asp Glu Gln Thr Leu His Arg Ala Arg Glu Trp
72 305          310          315          320
73 Asp Asp Trp Lys Asp Thr His Pro Arg Gly Tyr Gly Asn Arg Gln Asn
74          325          330          335
75 Met Gly
79 <210> SEQ ID NO: 2
80 <211> LENGTH: 133
81 <212> TYPE: PRT
82 <213> ORGANISM: Mus musculus
84 <400> SEQUENCE: 2
85 Val Pro Ala Met Thr Ser Ser Asp Leu Pro Leu Asn Phe Gln Gly Ser
86 1          5          10          15
87 Pro Cys Ser Gln Ile Trp Gln His Pro Arg Phe Ala Ala Lys Lys Arg
88          20          25          30
89 Ser Ser Met Val Lys Phe His Cys Tyr Thr Asn His Ser Gly Ala Leu
90          35          40          45
91 Thr Trp Phe Arg Lys Arg Gly Ser Gln Gln Pro Gln Glu Leu Val Ser
92          50          55          60
93 Glu Glu Gly Arg Ile Val Gln Thr Gln Asn Gly Ser Val Tyr Thr Leu
94 65          70          75          80
95 Thr Ile Gln Asn Ile Gln Tyr Glu Asp Asn Gly Ile Tyr Phe Cys Lys
96          85          90          95
97 Gln Lys Cys Asp Ser Ala Asn His Asn Val Thr Asp Ser Cys Gly Thr
98          100          105          110
99 Glu Leu Leu Val Leu Gly Phe Ser Thr Leu Asp Gln Leu Lys Arg Arg
100          115          120          125
101 Asn Thr Leu Lys Asp
102          130

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/852,976

DATE: 01/19/2002

TIME: 11:18:07

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\01192002\I852976.raw